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1945

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

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U.S. Dept. of Commerce

February, 1945

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

FEBRUARY 1945

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	57.3	58.2	59.6	58.4	12.7	6.8	11.1	9.0	8.6	9.6
2	61.3	62.7	65.7	63.2	12.2	8.1	9.1	12.1	10.6	10.6
3	8.4	8.2	8.6	8.4	14.9	9.7	12.1	14.8	12.4	13.1
4	8.2	7.1	7.0	7.4	16.2	9.1	12.9	15.9	11.7	13.5
5	5.2	3.0	2.4	3.5	15.9	10.0	12.2	15.7	12.0	13.9
6	59.4	57.8	58.2	58.5	16.6	11.4	13.4	16.5	13.7	14.5
7	8.9	8.5	60.1	9.2	17.1	12.1	14.5	17.1	13.3	15.0
8	9.6	9.3	0.6	9.8	18.1	11.7	13.9	16.6	14.9	15.1
9	62.0	61.8	2.7	62.2	18.2	10.7	14.0	18.2	12.8	15.0
10	3.2	3.1	4.3	3.5	17.1	10.7	13.3	16.8	12.8	14.3
11	64.6	64.7	65.1	64.8	17.3	10.0	14.5	16.7	14.8	15.3
12	4.6	3.0	3.4	3.7	18.4	9.6	14.5	17.4	14.5	15.5
13	2.2	1.0	1.1	1.4	15.0	9.7	12.7	13.2	10.4	12.1
14	3.8	4.2	6.3	4.8	17.1	10.6	12.7	16.0	12.7	13.8
15	7.0	5.6	5.7	6.1	17.8	11.5	14.1	17.7	13.3	15.0
16	65.0	63.7	64.1	64.3	18.1	12.3	14.9	17.7	15.3	16.0
17	3.9	3.0	3.5	3.5	17.7	12.6	15.4	17.7	14.9	16.0
18	2.4	1.5	1.6	1.8	17.5	9.6	14.4	16.5	14.3	15.1
19	2.0	2.0	4.2	2.7	14.6	10.7	11.1	14.3	13.8	13.1
20	4.6	2.6	2.6	3.3	17.8	11.2	13.4	17.1	13.3	14.6
21	60.0	58.7	57.7	58.8	19.1	13.4	14.3	18.2	14.4	15.6
22	58.0	7.8	8.5	8.1	16.7	9.2	15.4	16.1	11.6	14.4
23	7.7	8.2	9.8	8.6	13.4	7.7	11.5	13.1	11.1	11.9
24	60.0	61.4	63.8	61.7	11.9	8.6	9.3	11.7	10.4	10.5
25	5.9	5.4	5.6	5.6	14.4	8.4	10.6	14.4	10.6	11.9
26	63.9	63.4	64.1	63.8	14.3	8.5	9.5	13.1	10.6	11.1
27	3.6	0.8	59.5	1.3	13.9	8.4	12.2	11.2	10.6	11.3
28	1.1	3.2	66.9	3.7	12.9	7.8	11.6	12.8	9.9	11.4
	62.63	62.13	62.95	62.57	15.96	10.00	12.80	15.27	12.40	13.54

Barometer, range for month 757.7 – 768.6 mm.
„ 62-yr. average for month 762.10 mm.
Thermometer, range for month 6.8° — 19.1° C.
„ 62-yr. average for month 14.28° C.
Rain, total for month 181.35 mm.
„ , 62-yr. average for month 161.29 mm.
Total, from Sept. 1st. to end of month 919.47 mm.
62-yr. average, Sept. 1st. to end of month 715.52 mm.

FEBRUARY 1945
METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	6.8	7.4	7.2	7.1	70	87	87	81	0.0	892.0	54.61
2	7.1	8.4	7.6	7.7	83	80	81	81	3.4	291.0	13.97
3	7.2	7.8	7.7	7.6	69	63	75	69	8.6	100.0	2.29
4	7.1	7.9	7.3	7.4	64	59	71	68	9.3	113.0	
5	6.8	7.5	7.2	7.2	65	57	69	64	9.7	52.0	
6	6.9	8.3	7.6	7.6	59	59	66	61	9.6	45.0	
7	7.1	9.1	8.9	8.4	58	64	78	67	7.8	103.0	
8	7.6	8.8	9.3	8.6	65	63	74	67	4.4	158.0	
9	8.2	9.5	8.3	8.7	69	60	75	68	9.5	115.0	
10	7.0	8.1	8.4	7.8	61	57	76	65	9.7	56.0	
11	8.0	10.3	8.6	9.0	66	73	69	69	8.3	66.0	6.35
12	8.8	9.2	8.0	8.7	72	62	65	66	5.2	339.0	10.92
13	7.8	8.3	8.3	8.1	72	73	88	78	0.3	249.0	12.44
14	9.3	9.2	9.2	9.2	86	69	84	80	5.8	116.0	5.08
15	8.2	10.1	9.1	9.1	68	68	80	72	9.8	233.0	1.52
16	8.2	10.7	9.6	9.5	64	71	74	70	10.2	137.0	
17	8.7	10.0	9.6	9.4	67	67	76	70	3.2	201.0	
18	10.0	9.4	7.8	9.1	81	67	63	70	2.5	184.0	7.12
19	8.5	8.6	7.3	8.1	87	71	62	73	4.5	721.0	24.38
20	8.2	9.3	8.7	8.7	70	65	76	70	7.8	129.0	0.76
21	8.4	10.1	9.3	9.3	69	65	76	70	8.6	306.0	
22	9.0	7.7	7.6	8.1	69	96	73	79	5.4	426.0	3.56
23	6.7	6.9	6.2	6.6	63	62	64	63	0.3	1574.0	11.69
24	6.8	6.1	5.9	6.3	78	60	63	67	6.5	362.0	4.57
25	6.1	6.9	6.8	6.6	64	56	72	64	8.6	233.0	
26	7.6	7.7	6.8	7.4	86	68	72	75	6.8	142.0	8.13
27	6.9	8.3	8.0	7.7	65	84	83	77	2.1	409.0	8.12
28	6.6	6.5	6.2	6.4	64	60	68	64	10.6	794.0	5.84
	7.70	8.50	7.94	8.05	69.7	67.3	73.5	70.2	6.37	305.21	6.47

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G.C.T.
62 year averages are for period, 1875-1936

FEBRUARY 1945
METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	9cu-ni	10ni	10ni	9.7	5sw	4sw	2sw	rough	
2	8ni-cu	9ni-cu	2cu	6.3	1sw	3sw	0	mod.	
3	5cu-st	1ci-cu	0	2.0	1e	1nw	0	slight	M. a. m.
4	7ci-st	5ci-st	0	4.0	1e	1nw	0	light	
5	0	0	0	0.0	1e	1nw	0	„	
6	1ci-st	2ci	0	1.0	1e	1nw	0	slight	H. over sea
7	1ci-st	10st-cu	8cu	6.3	1e	1nw	1nw	slight	Tr. p. m.
8	9cu-st	10ci	9cu	9.3	2e	1se	3nw	light	Tr. p. m.
9	7cu-st	4cu	0	3.7	2ne	1ne	1n	slight	
10	0	0	0	0.0	1nw	1nw	0	calm	H. over sea
11	2ci	7ci	8cu-ni	5.7	0	1s	1s	light	H. over sea
12	7cu-ci	9cu	10cu	8.7	1se	1sw	1sw	„	
13	10cu-st	10ni	10ni	10.0	1sw	2sw	1sw	„	
14	9cu-ni	6cu	10ni	8.3	0	1sw	0	slight	
15	0	7cu	2cu	3.0	1sw	2sw	1nw	„	
16	0	0	9cu	3.0	1s	2sw	0	light	
17	9cu-ni	9cu	10cu-st	9.3	1sw	2sw	0	slight	
18	10ni	8cu-ni	8cu	8.7	1sw	3sw	2sw	,	
19	10ni	10ni	6cu-ni	8.7	1s	2sw	4sw	„	Sudden w.at3p.m.
20	4cu	2cu	0	2.0	1sw	2sw	0	light	
21	0	0	4cu	1.3	1e	3ne	1ne	slight	Hot w a.m., w. at night
22	4cu	9cu-ni	10ni-cu	7.7	3sw	5sw	4sw	mod.	F. a. m.
23	9cu-ni	9cu-ni	9cu-ni	9.0	3sw	5sw	6sw	rough	G. p.m. & at night
24	8cu	3cu	7cu	6.0	2sw	3ne	2ne	mod.	
25	8cu	2cu-st	10cu	6.7	1ne	2w	1w	slight	
26	10ni	2ci-st	5cu	5.6	1sw	1ne	1ne	slight	
27	9cu-st	10ni	10cu-ni	9.7	1sw	2sw	2ne	„	
28	1cu	1-st	1cu	1.0	3ne	5n	2ne	mod.	
				5.59					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	3	7	1	2	12	0	1	2	28
14:30	1	4	0	1	1	14	1	6	0	28
20:30	1	5	0	0	1	7	1	3	10	28
Totals	2	12	7	2	4	33	2	10	12	84

Number of days with rain 17, fog 1, thunderstorms 0, gale 1.

62 yr. av. days with rain during month 14.0 days